

Applicants: Eduard Daniel Leendert Schmidt
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IN THE CLAIMS:

This listing of claims replaces all prior versions, and listing of claims in the application.

1. (Original) A method for modulating a developmental pathway of a plant or plant cell comprising modifying a gene or modifying expression of said gene, wherein said gene is encoding a protein belonging to a signaling complex comprising RKS protein, ELS protein, NDR/NHL protein, SBP/SPL protein and RKS/ELS ligand protein or encoding a protein comprising a ligand for said complex.
2. (Original) A method according to claim 1 allowing modulating cellular division during plant growth or organ formation.
3. (Original) A method according to claim 2 wherein said gene comprises an RKS4 or RKS10 gene or functional equivalent thereof.
4. (Original) A method according to claim 1 allowing modulating apical meristem formation.
5. (Original) A method according to claim 4 wherein said gene comprises an ELS1, RKS0, RKS3, RKS4, RKS8 or RKS10 gene or functional equivalent thereof.
6. (Original) A method according to claim 4 allowing modulating fasciation.

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7. (Original) A method according to claim 6 wherein said gene comprises an RKS0, RKS3, RKS8 or RKS10 gene or functional equivalent thereof.

8. (Original) A method according to claim 4 allowing modulating root development.

9. (Original) A method according to claim 7 wherein said gene comprises an ELS1, ELS 2, RKS1, RKS3, RKS4, RKS6, RKS8 or RKS10 gene or functional equivalent thereof.

10. (Original) A method according to claim 4 allowing modulating meristem identity.

11. (Original) A method according to claim 9 wherein said gene comprises an ELS1, RKS8, RKS10 or RKS13 gene or functional equivalent thereof.

12. (Original) A method according to claim 1 allowing modulating pollen development.

13. (Original) A method according to claim 11 wherein said gene comprises an ELS2 or RKS10 gene or functional equivalent thereof.

14. (Original) A method for providing resistance to a plant or plant cell comprising modifying a gene or modifying expression of said gene, wherein said gene is encoding a

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protein belonging to a signaling complex comprising NDR/NHL protein, or encoding a protein comprising a ligand for said complex.

15. (Currently Amended) A method for obtaining a plant or plant cell with a modulated development comprising subjecting a plant or plant cell to a method according to ~~anyone of claims 1 to 13~~ claim 1.

16. (Original) A method for obtaining a resistant plant or plant cell comprising subjecting a plant or plant cell to a method according to claim 14.

17. (Currently Amended) A plant or plant cell obtainable with a method according to claim 15 ~~or 16~~.

18. (New) A plant or plant cell obtainable with a method according to claim 16.